

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S1 | 2 | ("5440639" "5555306").pn. | USPAT | OR | OFF | 2004/08/23 12:50 |
| S2 | 599 | 381/61-63.ccls. | USPAT | OR | OFF | 2004/08/09 15:29 |
| S3 | 116 | 381/61-63.ccls. and reflection | USPAT | OR | OFF | 2004/08/09 15:38 |
| S4 | 0 | "5862233".uref. | USPAT | OR | OFF | 2004/08/10 15:50 |
| S5 | 1 | "5109419".PN. | USPAT | OR | OFF | 2004/08/09 15:39 |
| S6 | 0 | "5862233".URPN. | USPAT | OR | OFF | 2004/08/09 15:39 |
| S7 | 0 | "5862233".URPN. | USPAT | OR | OFF | 2004/08/09 15:39 |
| S8 | 3 | ("5109419" "5142586" "5297210").PN. | USPAT | OR | OFF | 2004/08/09 15:40 |
| S9 | 1 | "6263396".pn. | USPAT | OR | OFF | 2004/08/10 16:57 |
| S10 | 638 | "chirp signal" | USPAT | OR | OFF | 2004/08/10 16:57 |
| S11 | 710 | "chirp signal" | USPAT | OR | ON | 2004/08/10 16:57 |
| S12 | 17 | "chirp signal" and "381".clas. | USPAT | OR | ON | 2004/08/10 16:58 |
| S13 | 324 | 381/63.ccls. | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/08/11 18:18 |
| S14 | 240 | 381/63.ccls. and ((@ad @rlad)<="19981023") | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/08/12 15:14 |
| S15 | 84 | (381/63.ccls. and ((@ad @rlad)<="19981023")) and reflection | US-PGPUB; USPAT; EPO; DERWENT | OR | OFF | 2004/08/11 18:19 |
| S16 | 98 | (381/63.ccls. and ((@ad @rlad)<="19981023")) and reflection | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/11 18:20 |
| S17 | 3495 | "134" and fir | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/11 18:20 |
| S18 | 17527 | "13" and fir | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/11 18:20 |
| S19 | 29 | ((381/63.ccls. and ((@ad @rlad)<="19981023")) and reflection) and fir | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/12 14:49 |

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| S20 | 2 | "5142586".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/12 14:50 |
| S21 | 47 | 381/63.ccls. and ((@ad @rlad)<="19981023") and fir | US-PGPUB; USPAT | OR | ON | 2004/08/12 15:24 |
| S22 | 0 | 381/63.ccls. and ((@ad @rlad)<="19981023") and ("cross couple" near3 matric\$4) | US-PGPUB; USPAT | OR | ON | 2004/08/12 15:24 |
| S23 | 236 | 381/63.ccls. and ((@ad @rlad)<="19981023") | US-PGPUB; USPAT | OR | ON | 2004/08/12 15:24 |
| S24 | 8 | 381/63.ccls. and ((@ad @rlad)<="19981023") and (matric\$4) | US-PGPUB; USPAT | OR | ON | 2004/08/12 17:29 |
| S25 | 41 | 381/63.ccls. and ((@ad @rlad)<="19981023") and (matri\$4) | US-PGPUB; USPAT | OR | ON | 2004/08/12 17:44 |
| S26 | 12 | (381/63.ccls. and ((@ad @rlad)<="19981023") and (matri\$4)) and fir | US-PGPUB; USPAT | OR | ON | 2004/08/12 17:56 |
| S27 | 1 | "5862233".pn. | US-PGPUB; USPAT | OR | ON | 2004/08/12 17:56 |
| S28 | 16 | "cross coupling" near matri\$2 | USPAT | OR | OFF | 2004/08/12 19:24 |
| S29 | 1 | "4817149".pn. | USPAT | OR | OFF | 2004/08/12 21:04 |
| S30 | 21 | programmable near4 chirp | USPAT | OR | OFF | 2004/08/12 21:04 |
| S31 | 28 | programmable near4 chirp | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/12 21:12 |
| S32 | 2 | "4049958".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/12 21:06 |
| S33 | 2 | "5355091".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2004/08/12 21:06 |
| S34 | 15 | (programmable near4 chirp) and (chirp same (amplitude gain)) | US-PGPUB; USPAT; EPO | OR | ON | 2004/08/12 21:23 |
| S35 | 0 | ((programmable near4 chirp) and (chirp same (amplitude gain))) not (programmable near4 chirp) | US-PGPUB; USPAT; EPO | OR | ON | 2004/08/12 21:23 |
| S36 | 10 | (programmable near4 chirp) not (chirp same (amplitude gain)) | US-PGPUB; USPAT; EPO | OR | ON | 2004/08/12 21:36 |

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| S37 | 1 | "6125189".pn. | US-PGPUB; USPAT; EPO | OR | ON | 2004/08/12 21:36 |
| S38 | 1 | "5440639".pn. | USPAT | OR | OFF | 2004/08/22 16:03 |
| S39 | 1 | "5555306".pn. | USPAT | OR | OFF | 2004/08/22 16:03 |
| S40 | 0 | "5862233".uref. | USPAT | OR | OFF | 2004/08/23 07:18 |
| S41 | 1 | "5862233".pn. | USPAT | OR | OFF | 2004/08/23 07:18 |
| S42 | 0 | "5862233".URPN. | USPAT | OR | OFF | 2004/08/23 07:18 |
| S43 | 0 | "orthonormal cross coupling matrix" | USPAT | OR | OFF | 2005/03/12 15:37 |
| S44 | 0 | "orthonormal cross coupling matrix" | US-PGPUB; USPAT | OR | OFF | 2005/03/12 15:38 |
| S45 | 2 | ("5555306" "5440639").pn. | US-PGPUB; USPAT | OR | OFF | 2005/03/12 17:02 |
| S46 | 1 | "5729613".pn. | US-PGPUB; USPAT | OR | OFF | 2005/03/12 17:07 |
| S47 | 127 | "orthonormal matrix" | US-PGPUB; USPAT | OR | OFF | 2005/03/12 17:15 |
| S48 | 13 | ("4338581" "4366346" "4803731" "5109419" "5131051" "5142586" "5247474" "5297210" "5530762" "5555306" "5621801").PN. OR ("5729613"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 14:42 |
| S49 | 1680 | (orthonormal) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 15:08 |
| S50 | 1199 | S49 and (matrix matrices) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 15:08 |
| S51 | 231 | S50 and (reflection reverb\$) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 15:08 |
| S52 | 278 | (orthonormal) near2 (matrix matrices) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 15:09 |
| S53 | 278 | (orthonormal) near2 (matrix matrices) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 15:27 |
| S54 | 0 | (orthonormal) near2 ("cross coupling") | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 15:28 |
| S55 | 1 | (orthonormal) same ("cross coupling") | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 17:22 |

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| S56 | 0 | polleti-mark\$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 17:24 |
| S57 | 0 | polleti.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 17:24 |
| S58 | 0 | polleti.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/03/14 17:24 |
| S59 | 8 | poletti-mark\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/03/14 17:24 |
| S60 | 13 | ("4338581" "4366346" "4803731" "5109419" "5131051" "5142586" "5247474" "5297210" "5530762" "5555306" "5621801").PN. OR ("5729613"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 17:28 |
| S61 | 11 | ("4218585" "4731835" "4803731").PN. OR ("5491754"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 17:39 |
| S62 | 8 | ("4215242" "4472993" "4731848" "4984276" "5195140" "5369710" "5491754").PN. OR ("5774560"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 18:14 |
| S63 | 5 | 381/63.ccls. and orthonormal | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/14 18:14 |
| S64 | 5 | 381/63.ccls. and orthonormal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/03/14 18:18 |
| S65 | 13 | "381".clas. and orthonormal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/03/14 18:18 |
| S66 | 8 | S65 not S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/03/14 18:18 |
| S67 | 1 | "5491754".pn. | USPAT | OR | OFF | 2005/03/14 19:01 |

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| S68 | 0 | "20040254797" | USPAT | OR | OFF | 2005/03/14 19:01 |
| S69 | 1 | "20040254797" | US-PGPUB; USPAT | OR | OFF | 2005/03/14 19:41 |
| S70 | 1016 | orthogonal and orthonormal | US-PGPUB; USPAT | OR | OFF | 2005/03/14 19:42 |
| S71 | 1016 | orthogonal and orthonormal | US-PGPUB; USPAT | OR | ON | 2005/03/14 19:41 |
| S72 | 552 | S71 and reflect\$ | US-PGPUB; USPAT | OR | ON | 2005/03/14 19:41 |
| S73 | 403 | orthogonal same orthonormal | US-PGPUB; USPAT | OR | OFF | 2005/03/14 19:42 |